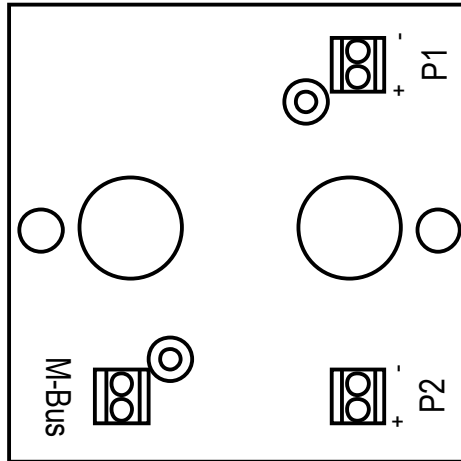


HYDRO-PORT Pulse Mini Pulse to M-Bus Converter Installation



Inputs P1, P2: 2 x Contact
(Reed Contact, Open Collector)

M-Bus-Output: DIN EN 1434-4
300, 2400 Baud
Autodetect

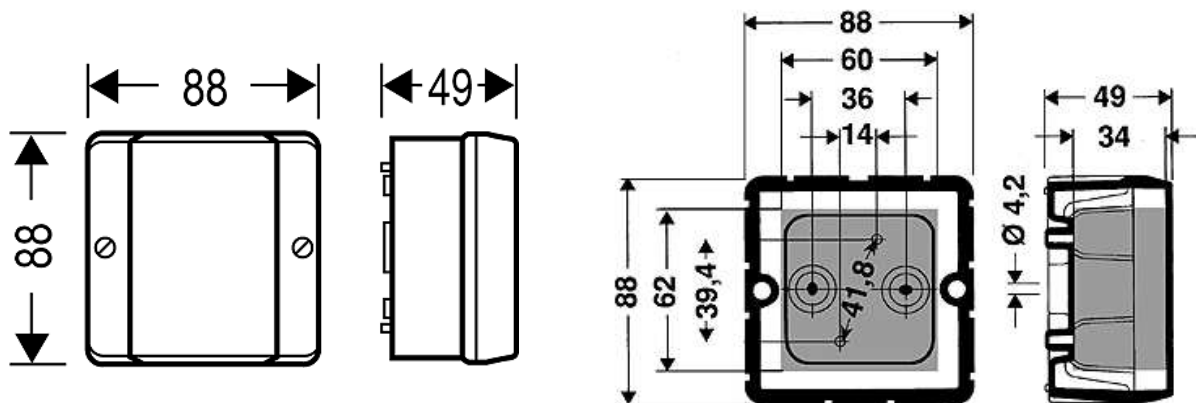
Note: The HYDRO-PORT Pulse device may only be installed and operated by trained personnel.

Mounting and Dismounting

The HYDRO-PORT Pulse Mini is prepared for wall fixing. Therefore you need two holes in a distance of 36mm on a plane surface.

Mounting: Remove the housing cover and fix the HYDRO-PORT Pulse Mini on the wall with the aid of the two long holes. Re-mount the housing cover after electrical connection.

Dismounting: Remove the housing cover and release the wall fixing screws.



Electrical Connection

For electrical connection you have to remove the housing cover of the HYDRO-PORT Pulse Mini device.

Connection: Conduct the M-Bus- und contact cables through the caoutchouc covers. Therefore you have to drill carefully a hole in the middle of the covers.

Important:

- Only connect voltage-free contacts to the contact inputs (P1+, P1-, P2+, P2-), e.g. Reed contacts or open collector transistors.
- The M-Bus input (M-Bus) and the contact inputs (only Reed contacts) (P1+, P1-, P2+, P2-) are polarity independent.

Use correct polarity for connecting open collector transistors to the contact inputs.

- The HYDRO-PORT Pulse device counts pulses by connecting the contact inputs with a minimum pulse width of 7,5ms (= maximum pulse frequency ca. 50 Hz).

Note: The HYDRO-PORT Pulse Mini device has got a backup battery which ensures pulse accumulation even if the M-Bus power supply fails. The maximum possible time without M-Bus power supply depends on the pulse frequency and ranges from 3 months (pulse frequency > 50 Hz) to more than 5 years (pulse frequency = 0Hz).

During operation time the HYDRO-PORT Pulse device must always be connected to the M-Bus.

Client Support

A complete technical documentation and further information is available on our Internet download-center.

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Configuration example

